



SEQUENCE LISTING

<110> Genzyme Corporation
Yew, Nelson

<120> Expression vectors containing hybrid ubiquitin promoters

<130> 5042C

<140> 10/661,369
<141> 2003-09-11

<150> 60/233,938
<151> 2000-09-18

<150> 60/259,567
<151> 2001-01-03

<150> 09/952,152
<151> 2001-09-13

<160> 1

<170> PatentIn version 3.3

<210> 1
<211> 1428
<212> DNA
<213> Artificial

<220>
<223> CMV enhancer-ubiquitin B promoter and intron region

<400> 1

cgttacataa cttacggtaa atggcccgcc tggctgaccg cccaacgacc cccgcccatt	60
gacgtcaata atgacgtatg ttcccatagt aacgccaata gggactttcc attgacgtca	120
atgggtggag tattttacggt aaactgcccc cttggcagta catcaagtgt atcatatgcc	180
aagtacgccc cctattgacg tcaatgacgg taaatggccc gcctggcatt atgcccagta	240
catgacctta tgggactttc ctacttggca gtacatctac gtattagtca tcgctattac	300
catgaattgg tttgatctga ttataaccta ggctcgaggaa ggtttcttca actcaaattc	360
atccgcctga taattttctt atattttcct aaagaaggaa gagaagcgca tagaggagaa	420
gggaaataat tttttaggag cttttcttac ggctatgagg aatttggggc tcagttgaaa	480
agcctaaact gcctctcggg aggttgggcg cggcgaacta ctttcagcgg cgcacggaga	540
cggcgtctac gtgagggggtg ataagtacg caacactcgt tgcataaatt tgcctccgcc	600
agcccggagc atttaggggc ggttggcttt gttgggtgag cttgtttgtg tccctgtggg	660
tggacgtggt tgggtgattgg caggatcctg gtatccgcta acaggtactg gcccgcagcc	720
gtaacgacct tggggggggtg tgagaggggg gaatgggtga ggtcaagggtg gaggttctt	780
ggggttgggt gggccgctga ggggagggcg tgggggaggg gagggcgagg tgacgcggcg	840
ctgggccttt ccgggacagt gggccttggt gacctgaggg gggcgagggc ggttggcgcg	900
cgcggggtga cggaaactaa cggacgccta accgatcggc gattctgtcg agtttacttc	960
gcggggaagg cggaaaagag gtagtttgtg tggtttctgg aagcctttac tttggaatcc	1020
cagtgtgaga aaggtgcccc ttcttgtgtt tcaatgggat ttttatttcg cgagtcttgt	1080

gggtttggtt ttgttttcag tttgcctaac accgtgctta ggtttgaggc agattggagt	1140
tcggtcgggg gagtttgaat atccggaaca gttagtgggg aaagctgtgg acgcttggtta	1200
agagagcgct ctggattttc cgctgttgac gttgaaacct tgaatgacga atttcgtatt	1260
aagtgactta gccttgtaaa attgagggga ggcttgcgga atattaacgt atttaaggca	1320
ttttgaagga atagttgcta attttgaaga atattaggtg taaaagcaag aaatacaatg	1380
atcctgaggt gacacgctta tgttttactt ttaaactagg tcagcatg	1428